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Amplifier
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THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Margaret A. Sullivan
Signature

Applicant : Steven T. Jaffe, et al.
Application No. : 09/433,730
Filed : November 3, 1999
Title : DUAL MODE QAM/VSF RECEIVER

Grp./Div. : 2634
Examiner : Young Toi Tse

Docket No. : 33754/LTR/B600

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RESPONSE TO OFFICE ACTION

Assistant Commissioner for Patents
Washington, D.C. 20231

Post Office Box 7068
Pasadena, CA 91109-7068
April 29, 2002

Commissioner:

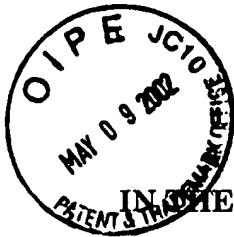
Responsive to the Office action mailed January 30, 2002, please amend the above-identified application as follows:

In the Specification:

Please amend the paragraph beginning on page 20, line 28, to read as follows:

Prior to being directed to the Nyquist prefilter 26 and adaptive equalization block 24, filtered signals are provided from the square-root Nyquist filter 22 to an NTSC co-channel interference rejection filter 28, for removal of the luma, chroma, and audio subcarrier signals from the frequency spectrum. When used in a terrestrial environment, there exists the possibility of co-channel interference from terrestrial-type NTSC transmitters. The NTSC co-channel rejection filters 28 function as an adaptive digital filter which places precisely located notches in the frequency spectrum at the specific locations

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
AMENDMENT TRANSMITTAL LETTER

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Enclosed is an amendment to the above-identified application.

CLAIMS AS AMENDED						
	Claims Remaining After Amendment	Highest Number Paid For	Number Extra Claims	Small Entity Rate	Large Entity Rate	FEE
Total Claims Fee	7	* 104	0	x \$9.00	x \$18.00	0
Independent Claims	1	** 17	0	x \$42.00	x \$84.00	0
Multiple Dependent Claims ***				\$140.00	\$280.00	0
TOTAL FILING FEE						\$0
NO ADDITIONAL FEE REQUIRED ****	IF NO FEE REQUIRED, INSERT "0"					0
LIST INDEPENDENT CLAIMS: 10						
* IF HIGHEST NUMBER PREVIOUSLY PAID FOR IS 20 OR LESS, WRITE "20" IN COLUMN 3 ** IF HIGHEST NUMBER PREVIOUSLY PAID FOR IS 3 OR LESS, WRITE "3" IN COLUMN 3 *** PAY THIS FEE ONLY WHEN MULTIPLE DEPENDENT CLAIMS ARE ADDED FOR THE FIRST TIME **** IF NO FEE REQUIRED, ADDRESS ENVELOPE TO "BOX NON-FEE AMENDMENTS"						

- ___ Attached is our check for \$ to pay the fees calculated above.
___ A Petition for Extension of Time and the required fee are enclosed.
___ Other enclosures:

Amendment Transmittal Letter
Application No. 09/433,730

The Commissioner is hereby authorized to charge any fees under 37 CFR 1.16 and 1.17 which may be required by or to give effect to this paper to Deposit Account No. 03-1728. Please show our docket number with any charge or credit to our Deposit Account. **A copy of this letter is enclosed.**

Respectfully submitted,

CHRISTIE, PARKER & HALE, LLP

By



LeRoy T. Rahn
Reg. No. 20,356
626/795-9900

LTR/mas

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